

Alaska Department of Fish and Game

Habitat Section
Southeast Region



105-32-10120-2010

ADDITION

Water body name:

Survey date: 8/22/2023

Quad: Petersburg C-5

Species & Lifestage: CHp, COp, Pp, CTp, DVp

Upper Reach Latitude: 56.702566 **Longitude:** -133.504705

Survey crew: NJ, FC

Lower Reach Latitude: 56.736993 **Longitude:** -133.668275

Findings: We surveyed this cataloged stream using baited minnow traps and GPS and captured juvenile coho salmon (Figure 1). We observed that the stream had large woody debris throughout the channel and that there was some erosion of the bridge abutments (Table 1; Figures 2, 3).

Recommendations: Extend upper extent of Stream No. 105-32-10120-2010 in the anadromous waters catalog and add rearing coho salmon to species (Figure 4).

Nomination: Pending

Table 1.—105-32-10120-2010 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
748	56.702533	-133.504909	MT set at 12:03. Main channel of stream. River right bank near abutments has some erosion of small gravel/rocks sloughing off into channel. River left bank more stabilized with larger rocks. Water has channeled to river left side under bridge. Placing MT just upstream of bridge.		Large Gravel Small Gravel		2-4	MT	6 CO 7 CT
749	56.699180	-133.504397	Electrofished continuously (where allowed by dense brush) from upstream road crossing to here; only 1 resident fish observed.	4-6	Small Gravel Large Gravel	SWD	1-2	EF	1 DV
750	56.699156	-133.503780	Electrofished downstream of 4' CSP with 1-2" gravel infill; 1' tall rust line; set at 1% gradient. No fish.	4-6	Small Gravel Large Gravel	SWD	1-2	EF	No Fish



Figure 1.— Juvenile coho salmon captured at waypoint 748.



Figure 2.—Channel at waypoint 748.



Figure 3.—Bridge at waypoint 748.



Figure 4.—Stream No. 105-32-10120-2010 addition map.